

Product datasheet for **RC213194L4V**

PIGQ (NM_004204) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	PIGQ (NM_004204) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PIGQ
Synonyms:	c407A10.1; DEE77; EIEE77; GPI1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_004204
ORF Size:	1743 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC213194).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_004204.2
RefSeq Size:	2921 bp
RefSeq ORF:	1746 bp
Locus ID:	9091
UniProt ID:	Q9BRB3
Cytogenetics:	16p13.3
Domains:	Gpi1
Protein Families:	Transmembrane



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Protein Pathways: Glycosylphosphatidylinositol(GPI)-anchor biosynthesis, Metabolic pathways

MW: 65.2 kDa

Gene Summary: This gene is involved in the first step in glycosylphosphatidylinositol (GPI)-anchor biosynthesis. The GPI-anchor is a glycolipid found on many blood cells and serves to anchor proteins to the cell surface. This gene encodes a N-acetylglucosaminyl transferase component that is part of the complex that catalyzes transfer of N-acetylglucosamine (GlcNAc) from UDP-GlcNAc to phosphatidylinositol (PI). Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jun 2012]